

**MQ**<sup>®</sup> **MULTIQUIP**

# Rammers

**MQ**<sup>®</sup>  
**MULTIQUIP**



**Four-cycle and  
diesel-powered models**

**Construction Starts Here**

[www.multiquip.com](http://www.multiquip.com)



# Four-Cycle Rammers



# Mikasa

**Multiquip has built a reputation on manufacturing the most innovative, lowest maintenance and most productive ramblers in the business.**

*High performance and unparalleled reliability have made Multiquip the No.1 choice for ramblers in the equipment rental industry and the standard among contractors everywhere.*

- Long-lasting composite clutch
- Built-in hourmeter/tachometer
- Unique throttle control
- Cyclonic Air Filtration System



**Fuel Tank and Cap** — New fuel tank is 30% larger and includes a built-in 10-micron filter system. The new fuel cap has a duck bill and breather cap intake feature that allows the unit to be laid on its side without leaking fuel while still allowing the system to breathe.



**Cam-type clutch** ensures optimum contact between the composite shoes and the clutch drum.



**New Recoil Guard** protects the Recoil from impact damage eliminating costly repairs and downtime.



**MTX70**  
3,350 lbs/blow  
11.2 x 13.4 in. shoe  
Honda gas engine



# Once again, Multiquip raises the bar with new Cyclone filtration, on-board hourmeter and much more.



**MTX60**

3,060 lbs/blow  
10.4 x 13.4 in. shoe  
Honda gas engine



**MTX80**

3,510 lbs/blow  
11.2 x 13.4 in. shoe  
Robin gas engine

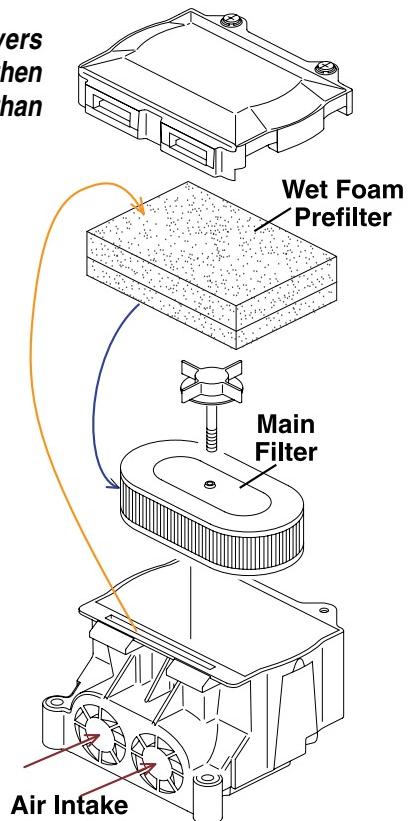


**MTX90**

3,710 lbs/blow  
11.2 x 13.4 in. shoe  
Robin gas engine

## NEW CYCLONE AIR FILTRATION SYSTEM

*Our New Cyclone Filter System delivers triple the amount of clean air to lengthen component life with less maintenance than ever before.*



**Throttle** — Single lever controls throttle, start/stop and fuel shut-off functions.

**Hourmeter** — New on-board hourmeter/tachometer. Allows accurate tracking of usage and maintenance intervals.



# Four-Cycle Rammers



*Mikasa*

Poly fuel tanks eliminate corrosion problems

Electronic ignition and automatic engine decompression for easy starting

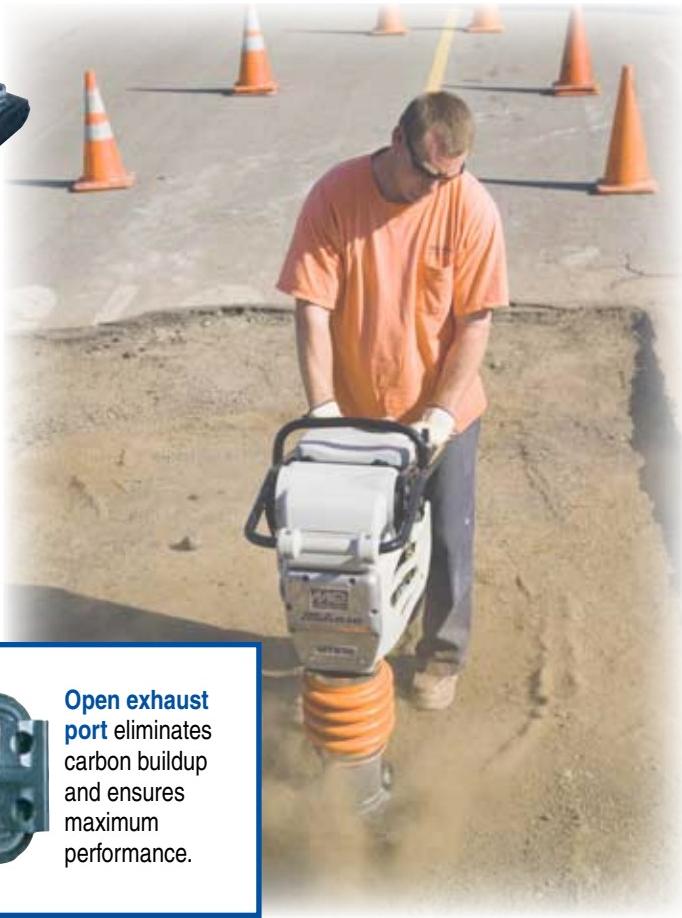
Quiet, EPA-approved engine

Convenient rollers for easy loading

**MTX-Series rammer** feature an advanced anti-vibration handle design that dramatically reduces the amount of vibration felt by the operator, reducing fatigue and increasing productivity.

**Protective Covers** – The new MTX Series Rammer features heavy duty PVC protective covers and guards.

Laminated wood and steel shoe absorbs and withstands shock and stress

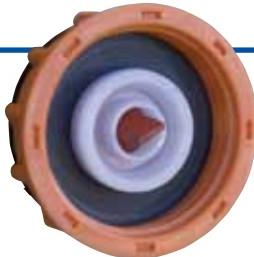


**Diaphragm carburetor** provides precise fuel measuring and eliminates fuel leakage when rammer is laid on its side.

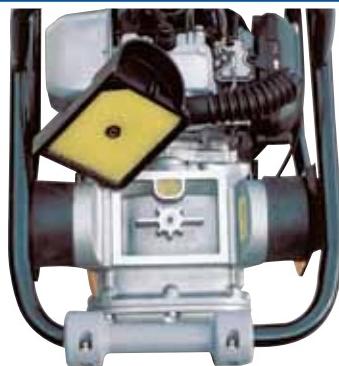
**Open exhaust port** eliminates carbon buildup and ensures maximum performance.

# Four-Cycle Rammers

Multiquip's four-cycle rammer are designed for high efficiency with lower exhaust emissions, less noise and better fuel economy than standard two-cycle rammers.



"Duck bill" fuel cap allows fuel tank to breathe while preventing fuel leaks or spills.



Exclusive four-stage air filtration traps over 99% of engine-damaging airborne dirt and dust particles. Inexpensive to service or replace.



**Lower handle** for easy transportation (selected models only).

**No need for mixed fuel!** The engine is lubricated through the crankcase instead of through the fuel, so no oil is burned in the cylinder, reducing carbon buildup and minimizing gumming problems.



## MTR40F

- Lightweight and portable—only 101 lbs
- Convenient handle allows rammer to be carried by one person
- Designed specifically for trench work — grease lubrication minimizes body size
- Ideal for landscapers, electrical contractors and plumbing contractors

## MTR40F

1,215 lbs/blow  
5.9 x 10.6 in. shoe



# Diesel Powered Rammers

Multiquip's diesel-powered ramblers are perfect for heavy-duty compaction work—and on job sites where diesel fuel is required.

Multiquip diesel-powered ramblers are the ideal solution for job sites with hazardous conditions, such as petrochemical plants and fuel refineries, where gasoline-powered equipment is restricted.



## MT86D2

Up to 4400 lbs./blow  
13 x 13.4 in. shoe size

## MT86D2

- Operating weight of 203 lbs.
- Multiquip's hardest-hitting rammer
- 13 in. shoe standard
- Low center of gravity allows ease of control
- Variable impact force for precise compaction

## Diesel Engine Features



- A** Rugged Yanmar Tier II approved diesel engine with integral decompression release for easy starting.
- B** Large, oversized two-stage air-filter system allows long intervals between cleaning.



# Diesel Powered Rammers



## MT76D2

Up to 3550 lbs./blow  
11.2 x 13.4 in. shoe size

## MT76D2

- Operating weight of 176 lbs.
- Uses the same shoe as MT74FA
- Available with 4.5 in. and 6.5 in. narrow foot extensions for trench work
- Integral decompression for easy starts
- Variable impact force for precise compaction



360° continuous-clutch  
shoe coverage allows  
transfer of more engine  
power to rammer.



Reinforced bellows with cross-hatch ribbing for extra strength  
and wide fold space for less wear.



## Optional Foot Assemblies

for Oil-Injected and  
Four-Cycle rammers

*Choice of foot assemblies provides exceptional versatility for all types of trench work.*

For MTR40F



For MTX60



For MTX70, MTX80, MTX90, MT76D2, MT86D2



X = Steel and wood; XA = All steel

# Rammer Specifications

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MODEL	Four-cycle Gasoline Powered					Diesel Powered	
	MTR40F	MTX60	MTX70	MTX80	MTX90	MT76D2	MT86D2
<b>Impact Force lb. (kg)</b>	1,215 (550)	3,060 (1,388)	3,350 (1520)	3,510 (1592)	3,710 (1683)	3,550 (1600)	4,400 (2000)
<b>Shoe Jump Height in. (mm)</b>	2.2 (55)	3.1 (80)	3.1 (80)	3.1 (80)	3.1 (80)	3.0 (80)	2.95 (75)
<b>Blows Per Minute</b>	695	Up to 695*	Up to 690*	Up to 678*	Up to 696*	Up to 700*	Up to 700*
<b>Travel Speed ft./min (m/min)</b>	30 (9)	55.8 (17)	55.8 (17)	49.2 (15)	45.9 (14)	40 (12)	46 (14)
<b>Engine Make/Model</b>	Robin EH09	Honda GX100	Honda GX100	Robin EH122D	Robin EH122D	Yanmar L48V6	Yanmar L48V6
<b>Engine Power HP (kw)*</b>	2.4 (1.8)	2.8 (2.1)	2.8 (2.1)	3.5 (2.6)	3.5 (2.6)	4.5 (3.3)	4.5 (3.3)
<b>Engine Displacement cu.in. (cc)</b>	5.2 (86)	6 (98)	6 (98)	7.2 (121)	7.4 (121)	13.3 (219)	13.3 (219)
<b>Engine RPM</b>	4,100	4,100	4,100	3,600	3,700	3,300	3,300
<b>Fuel Tank Capacity qt. (L)</b>	2.1 (2)	2.1(2)	3.2 (3)	3.2 (3)	3.2 (3)	3.5 (3.3)	3.5 (3.3)
<b>Start Method</b>	Recoil	Recoil	Recoil	Recoil	Recoil	Recoil	Recoil
<b>Overall Length in. (mm)</b>	24.5 (623)	28.1 (713)	31.0 (788)	31.0 (788)	31.0 (788)	28.3 (720)	28.3 (720)
<b>Overall Width in. (mm)</b>	13.8 (350)	13.8 (350)	13.8 (350)	14.4 (365)	14.4 (365)	16.1 (410)	16.1 (410)
<b>Overall Height in. (mm)</b>	43.7 (1109)	38.8 (985)	39.4 (1000)	39.4 (1000)	39.4 (1000)	39.4 (1000)	41.7 (1060)
<b>Shoe Width in. (mm)</b>	5.9 (150)	10.4 (265)	11.2 (285)	11.2 (285)	11.2 (285)	11.2 (285)	13.0 (330)
<b>Shoe Length in. (mm)</b>	10.6 (270)	13.4 (340)	13.4 (340)	13.4 (340)	13.4 (340)	13.4 (340)	13.4 (340)
<b>Operating Weight lbs. (kg)</b>	101 (46)	141 (64)	165 (75)	183 (83)	196 (89)	176 (80)	203 (92)

\* Engine power ratings are calculated by the individual engine manufacturer and the rating method may vary among engine manufacturers. Multiquip Inc. and its subsidiary companies makes no claim, representation or warranty as to the power rating of the engine on this equipment and disclaims any responsibility or liability of any kind whatsoever with respect to the accuracy of the engine power rating. Users are advised to consult the engine manufacturer's owners manual and its website for specific information regarding the engine power rating.

\*Variable speed impact — up to maximum impact force. **Specifications are in accordance with CIMA-LEMB Standard No. 1.**

Your Multiquip dealer is:



**MULTIQUIP INC.**  
POST OFFICE BOX 6254  
CARSON, CA 90749  
310-537-3700 • 800-421-1244  
FAX: 310-537-3927  
E-MAIL: mq@multiquip.com  
www.multiquip.com